

Survey of Public Residential Solid Waste Services in the Washington Metropolitan Region

Seventh Annual Survey

April 4, 2005

Final



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For the Northern Virginia Waste Management Board

NORTHERN VIRGINIA WASTE MANAGEMENT BOARD ROSTER

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2005

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INTRODUCTION

For the seventh year, the Northern Virginia Regional Commission (NVRC) – on behalf of the Northern Virginia Waste Management Board – has conducted a comprehensive survey of public residential waste services and management practices in the Washington metropolitan region. Jurisdictions participating in the survey include Arlington County, the City of Alexandria, the District of Columbia, the City of Fairfax, Fairfax County, the City of Falls Church, Loudoun County, the City of Manassas, Montgomery County, Maryland, Prince George’s County, Maryland, Prince William County, and beginning this year the Towns of Herndon, Leesburg, and Vienna were also included. The data is compiled in table format, organized by jurisdiction and question, and includes footnotes as necessary to provide clarification or supplementary information.

It is important to note that conducting an “apples to apples” analysis of collection practices is a particular challenge due to differences in waste collection infrastructure. The reader should consider the data presented in this report in the context of the following:

- Solid waste fees charged may or may not cover the actual cost of performing the services provided. In some instances, general funds are used to supplement residential waste fees.
- Service providers include those from the public and private sectors. Often, both sectors will provide services in a single locality. In many instances, a “public” collection program is actually performed by a “private” contractor. Appendix A provides information on the local collection infrastructure.
- Some localities operate public disposal and drop-off facilities but do not offer public collection services. Two localities (Loudoun County and Prince William County) do not involve themselves in collection services; however, they provide drop-off facilities for refuse and recycling.
- The broad range of services offered by localities differ depending on the specific needs of their citizens. Density of development and geographical differences tend to shape the need for services. For example, there is a tremendous difference between the needs of a typical Loudoun County resident and the needs of a typical District of Columbia resident.

The survey, conducted in February 2005, asked each locality to provide information on rate structures, service availability, environmental investment/assessment fees, yard waste collection, brush collection, recycling services, and refuse collection. A complete copy of this year’s survey is included as Appendix C. Nineteen new questions were added to the 2005 survey. However, as would be expected, the remaining survey results vary only slightly from the previous year’s results.

The following abbreviations are used throughout this report.

AP	Appliances
AS	Asphalt
BR	Brush (inclusive term meaning anything larger than clippings, such as limbs from tree pruning or removal)
BW	Bulk waste
CAN	Cans (aluminum, steel, and other metals)
CAR.....	Old cars with no fluids or filters
CON	Concrete
CRD.....	Cardboard
CY	Cubic Yard
DI.....	Dirt
EL.....	Electronics
FUR	Furniture
GL.....	Glass
GR	Grass
HHW	Household hazardous waste
HOLT.....	Holiday trees
LE.....	Leaves
ME.....	Metals
MF	Multi-family dwelling
MIX	Mixed paper (newspaper, magazines, phone books, office paper)
NEWS	Newspaper only
PL.....	Plastic containers
RE	Refuse
REC	Recycling
SF.....	Single-family dwelling
SH	Shrubs
TW	Twigs
TX.....	Textiles
UOA.....	Used oil and antifreeze
WG.....	White goods*
WTE.....	Waste-to-energy
YA.....	Yard waste (inclusive meaning grass, leaves, weeds, etc.)

* Some localities refer to appliances while others refer to white goods. Practically, they have the same meanings.

Highlights of the 2005 Survey

- Municipal Solid Waste Collection Systems** - The number of households serviced by municipal solid waste service systems fluctuates annually due to a variety of reasons, but mostly attributable to growth in the number of housing units and movement from publicly provided services to contract and private sector services. In 2004 a major shift in household receiving refuse services moving from private (-20.3%) to contracted services (46.8% increase). For recycling, most of the increase in households receiving services were absorbed by contract services (19,563) but publicly supplied services experienced the greatest percentage increase (43.5%). The total number of households receiving municipal refuse and recycling services in the Washington Metropolitan region and the changes that occurred from 2004 to 2005 is summarized below:

Households Receiving Refuse Services				
	2004	2005	Change	% Change
Public -	186,474	188,972	2,498	1.34%
Contract -	233,099	353,494	120,395	51.65%
Private -	430,573	343,260	-87,313	-20.28%
Total -	850,146	885,726	35,580	4.19%

Households Receiving Recycling Services				
	2004	2005	Change	% Change
Public -	20,550	29,491	8,941	43.51%
Contract -	593,742	626,294	32,552	5.48%
Private -	345,539	343,260	-2,279	-0.66%
Total -	959,831	999,045	39,214	4.09%

- Rate Structures** - Rates differ widely depending on the service level provided. In addition, while some localities have specific fees for services, others provide services out of general funds. Compared to 2003 survey results, the typical annual solid waste rate for a single family residents experienced the following changes (see Appendix D for more information):

	# Localities
Rate Increase -	4
Rate Remained the Same -	10
Rate Decreased -	1 *

* Single and Multi-family base rates in Montgomery County decreased.

- Localities that have multi-year financial plans (pages 3 & 4)** - 4 out of 13 reporting.
- Localities planning a fee increase next year (pages 3 & 4)** - 5 out of 13 reporting.
- Service Availability** - The type of service provided by localities ranges from exclusively single family homes to all residential units. Two counties do not provide curbside pick-up for residents. More urbanized localities tend to provide service to a wider spectrum of residential units including single family homes, town homes, and some multi-family units.

- Yard Waste** -Yard waste collection/drop-off is provided in all 14 jurisdictions. However, the programs vary considerably in the types of materials collected (from yard waste to stumps), how the programs work (curbside pick-up vs. backdoor collection), and collection times (fall/spring collection dates vs. all year). Seasonal and all year collection times are summarized below (see Appendix D for more information):

	# Localities
Year Round -	9
Seasonal -	4

- Tipping Fees** - Slight variations in tipping fees were recorded again this year. With no historic data, the towns were not included in the summary. The number of localities increasing, decreasing and holding their fees steady is summarized below (see Appendix D for more information):

	# Localities
Fee Increase -	3
Fee Remained the Same -	5
Fee Decreased -	2

- Appliance Recycling** - All but one jurisdiction recycles appliances and all but one accept appliances with freon/refrigerants. Ten out of thirteen localities reporting indicated that they experiences an increase in appliance disposals last year (see page 11).

- Computer Recycling Programs** - Ten out of 13 localities reporting have a computer recycling program of some capacity.

* **Significant Program Changes in FY05:**

Fairfax - MegaBulk service was implemented to recoup costs associated with large quantities of debris generated from remodelings, tree removals, etc. Fee is based on quantity of material estimated by staff visit prior to service provision.

Montgomery County: New and revised regulations ban disposal of recyclables in waste set out for disposal and in waste delivered to the County for disposal in all sectors: single-family, multi-family and nonresidential.

Prince William - Implemented residential curbside mixed paper recycling as of 1/1/05.

* **Anticipated Program Changes for FY06:**

Alexandria - Examining mandatory commercial and multi-family recycling programs.

Arlington - Solid Waste Bureau reorganized to enhance resources devoted to commercial and multi-family recycling, solid waste planning and outreach/education.

Fairfax - Expand to countywide curbside recycling and improved business recycling program w/emphasis on toxic reductions.

Falls Church - Improve public outreach and education. Implement waste reduction programs in City Gov't. and schools. City Code revision to expand recyclables collected at multi-family residences. Implement emergency collection/disposal strategy and increase CD recycling.

Loudoun - Continue a landfill tip fee initiative begun in FY04 for put-or-pay contracts. Initiate a public-private partnership for development of a recycling depot in the County.

Manassas - Planned pilot program using carts in SF and Townhomes planned for 2005 has been delayed.

Prince William - Reach out to local businesses during calendar year 2005.

Vienna - Contract for appliance (white goods) recycling.

Table 1. Rate Structures

JURISDICTION	ANNUAL SOLID WASTE RATE	REPORT TIME PERIOD	RATE INCREASE NEXT YR.	SERVICES INCLUDED	EXTRA SERVICES	COST OF EXTRA SERVICES	WHEN SERVICES ARE PERFORMED	HOW SERVICES ARE BILLED	FINANCIAL PLAN FOR RATE CHARGES	COMMENTS
City of Alexandria ¹	\$210 per year	Fiscal Year	Yes	AP, BR, EL, HHW, HOLT, LE, ME, RE, REC, YA	N/A	N/A	RE & REC: Weekly HHW & EL: Weekly drop-off HOLT: Jan. LE: Oct.-Dec. AP & ME: Schedule free pick-up on Tuesdays and Wednesdays by request	Real estate tax	No	User fee listed on prop. tax bill. Weekly HHW and EL coll. center now avail. at no additional charge.
Arlington County	\$245.64 per year (increase proposed for FY06)	Fiscal Year	Yes	BR, BW, HOLT, LE, ME (not AP) RE, REC, YA	AP	AP: \$20 for 1st item \$10 for each add'l	RE & REC: Weekly BR, ME, AP: bi-weekly LE: Nov. & Dec. YA: varies HOLT: 1st 2 full weeks in Jan.	Itemized quarterly on utility bill	No	Changed July 1999 to capture greater cost of program from users of service as an alternate to reducing services.
District of Columbia	Included in taxes			AP, BR, BW, FUR, HHW, LE, RE, REC, WG	N/A	N/A	N/A	General Fund		None
City of Fairfax ²	Included in taxes	Fiscal Year	No	AP, AS, BR, CAR, CON, DI, FUR, GR, HHW, HOLT, LE, ME, MIX, RE, REC, SH, TW, UOA, WG, YA	N/A	N/A	N/A	Real estate tax	No	Annual rate includes unlimited Fall curbside LE, overhead, and capital costs for vehicles and equipment replacement.
Fairfax County ³	\$240 per year (in service districts, otherwise private hauler rates apply)	Fiscal Year	Yes	AP, BR, GR, RE, REC, YA, and bulky items	Leaf collection and MegaBulk program for brush quantities > 10 CY	Leaf - \$.01/\$100 of assessed real property value. MegaBulk - \$5/CY	3X during 8-12 week season beg. Nov. 1st. MegaBulk provided on request.	Line items on semi-annual property tax bill. MegaBulk is prepaid in advance of service.	Yes, 5 year projection	MegaBulk service was implemented to recoup costs associated with large quantities of debris generated from remodelings, tree removals, etc. Fee is based on quantity of material estimated by staff visit prior to service provision.
Falls Church ⁴	Included in taxes	Fiscal Year	No	BR, CA, CRD, EL, GL, HOLT, LE, MIX, NEWS, PL, RE, REC, TX (subsidize YA, BW, WG, and AP)	YA, BW, WG, AP	YA-\$50/30 gal bag, BW-\$65/2 cu. yds, WG, AP-\$25/item-2max	RE & REC weekly, LE (vacuum) Oct. 15 – Dec. 15, BW & WG on request, YA weekly (Jan. – Oct.). BR - Year-round except Oct. 15 - Dec. 15.	Real estate tax	No	None
Herndon	Included in taxes	Fiscal Year	No	RE, REC, YA, LE	Special pickup, containers.	Special pickup - \$25 10yd. Container - \$50/3days; HOA - 30yd. Cont. - \$100	RE & REC weekly, LE vac. - Fall. Special pickup - on request.	General Fund	No	None
Leesburg	Included in taxes	Fiscal Year	No	RE, REC, YA, LE	Yes	None	Residential - RE & REC 1/week. Commercial - RE 3/week, REC 2/week. Large items coll. 1/week by request.	General Fund	No	Commercial is limited to downtown.
Loudoun County ⁵	N/A-private waste companies provide services	Fiscal Year	No	Drop off only for HOLT, ME, RE, REC, UOA, WG, YA, BR, MIX and scheduled collections of HHW and EL	N/A	N/A	N/A	Private haulers bill residents, Town or HOAs directly	No	None
City of Manassas ⁹	\$239.76 Single Family \$248.28 Townhouse	Fiscal Year	Yes	AP, BR, BW, HOLT, LE, RE, REC, SH, TW	Courtesy Truck Program	\$50	N/A	Itemized on utility bill.	Yes, 2 year projection	None
Montgomery County ⁶	SF Base \$39.69 SF Disposal \$52.67 MF Base \$8.46	Fiscal Year	Yes	Base and Disposal Charges equal all costs not covered by other fees, chiefly disposal system components; Incremental Charges equal Incremental Services.	Refuse Coll. Charge; Leaf Vacuuming Charge; Incremental (e.g. sector specific recycling).	SF Refuse Coll. \$66.00; SF Incremental \$96.92; SF Leaf Vac. \$67.78; MF Incremental \$12.10; MF Leaf Vac. \$7.08;	SF curbside RE & REC 1/week; HHW accepted at transfer station; all services are year around. Bulky trash 5 pickups annually. Leaf vacuuming 2 times a year.	Separate user fees charged using same means, and with same remedies, as real property taxes.	Yes, 6 year projection	Same charge method since FY 1996.

JURISDICTION	ANNUAL SOLID WASTE RATE	REPORT TIME PERIOD	RATE INCREASE NEXT YR.	SERVICES INCLUDED	EXTRA SERVICES	COST OF EXTRA SERVICES	WHEN SERVICES ARE PERFORMED	HOW SERVICES ARE BILLED	FINANCIAL PLAN FOR RATE CHARGES	COMMENTS
Prince George's County ⁷	SF/TH/MF Base \$30 most SF/TH also pay Extra Services, with the exception of rural southeast portion of County	Fiscal Year	No	Base Benefit Charge to cover cost of solid waste infrastructure	Refuse Coll.; Bulky Trash; Recycling Services include AP, BR, BW by appt., GR, LE, SH, RE, REC, YA	SF/TH Refuse Coll. \$201.44 SF/TH Recycling \$50 SF Bulky Trash \$18 SF/TH total if all services provided = \$299.44 (See notes)	N/A	Residential-line items on property tax bill; see note regarding commercial rate	No	Base Benefit Charge reduced from \$50 to \$30 in 2001 with implementation of commercial charge.
Prince William County ⁸	Fees for landfill support: SF-\$70 TH-\$63 MF-\$47; Add'l coll. fees charged by private haulers	Fiscal Year	No	Full cost for YA, RE drop-offs & processing, citizen services at landfill & compost site & 2 "park-out" lots on Sat. morning, HHW, admin., & closure costs	Private haulers charge residents and businesses for RE & REC	Varies by hauler.	N/A	Solid Waste User Fee appears as line item on tax bill; private haulers charge directly bi-monthly or quarterly or through homeowners association.	Yes, 5 year projection	Solid Waste User Fee enacted in 1999 to provide stable source of funding and to eliminate need to import trash.
Vienna	Included in taxes	Fiscal Year	No	Full cost for RE, REC, YA and 2 free special pickups annually.	2 free special pickups annually; Fee for additional loads.	Additional pickups: \$75/load except brush at \$25/load	Jan. 2 - Oct. 1	Solid Waste costs are fully funded through General Fund. Residents pay extra fee for special pickup over 2 free allowed. Funds revert to Town's general fund.	No	No Comments

Table 1 Notes:

- The City of Alexandria has not always charged in the manner presently employed. In July of 1992, the City Council enacted two ordinances that generated revenue for covering the costs of residential refuse collection. A user fee was established for refuse collection services, and a bulk metal charge was established for "white goods." The user fee is listed on the property tax bill and the "white goods" service is an itemized bill.
- The City of Fairfax determines the annual solid waste rate charge for its citizens by dividing the total budget by the number of residences in the City. For 2003, the estimated number of residences is 6,062 and the annual cost per household averaged \$335.48.
- A refuse charge is applied to the 13% of households in Fairfax County that receive County provided refuse service. The private sector may charge \$200-\$400 per year, depending on the service and location.
- Falls Church has not always charged in the manner presently employed. In 1991, the charge for bulk waste and "white goods" was implemented. The fee for bulk waste and "white goods" is billed directly to the customers that use these services. In 1993, the yard debris charge was implemented. The increased tipping fees as well as the desire to make collections more equitable were the primary motivations for the implementation of these charges. It should be noted that although there is a charge for WG, BW, AP, and YA, fees collected do not cover the cost of providing these services and are therefore subsidized through the General Fund.
- Loudoun County does not provide residential refuse or recycling collection services. Town governments and HOA's provide services to residents through contracts with Private waste haulers. Residents in unincorporated areas can contract with private haulers or drop off recyclable materials at County-supported sites. The private sector charges in the same range as Fairfax County.
- Most owners of single family homes in Montgomery County pay solid waste charges totaling \$189.28 (3 of 6 possible charges). SF pay \$39.69/year in Base Charges, while MF pay \$8.46 per year in Base Charges. In addition, a tipping fee of \$52/ton is charged to accept refuse at the County Transfer Station. In lieu of the tipping fee, non-municipal SF pay a \$52.67 Disposal Fee. All others pay the per ton tipping fee. Revenues from these fees pay for the solid waste system Base Costs. Base System Costs are all costs not covered by other fees, chiefly disposal system components (transfer station, rail link, resource recovery, landfilling of ash and nonprocessable materials, administration, overhead, etc.). In addition to these Base Costs, SF Incremental Services cost \$96.92/year and SF Refuse Collection costs \$66.00/year. MF Incremental Services cost \$12.10/year. SF leaf vacuuming costs \$67.78/year. MF Leaf Vacuuming costs \$7.08/year. The Refuse Collection fee covers SF 1/week curbside refuse collection, which includes 5 special bulk item pick-ups per year. All non-municipal SF receive the following Incremental Services: 1/week year round recycling pick-up and processing (MIX, PL, GL, CAN, YA and LE), education, outreach and enforcement, other recyclables and HHW acceptance. All MF receive the following Incremental Services: recyclable materials acceptance, processing and marketing, specialized education, technical assistance, enforcement, electronics and HHW acceptance. All households in Leaf Vacuuming Collection Districts receive that service twice per year. Non-residential properties pay for their share of Base System Costs (share is based on relative waste generation) by Base System Benefit Charges averaging \$163.81 per 2,000 square feet of improved area. Non-residential properties also receive the following services: processing and marketing of commingled materials, technical assistance and enforcement, and HHW acceptance.
- SF and TH pay a maximum \$299.44 annual solid waste rate. The rate is based on \$30/year per household Base Benefit Charge plus twice weekly pick-up (\$198 per unit plus \$3.44 County administration charge), bulky trash pick-up (\$18), and curbside recycling and yard waste collection (\$50 per unit). However, refuse and recycling vary in municipalities, condos, and the rural southeastern portion of the County. The commercial Solid Waste Benefit Charge was instituted by CB 61-2000, and was ratified by the voters in 2001. Commercial charge is through the property tax bill and is based on waste generation and enclosed square footage. The residential charge was lowered from \$50 per household to \$30 per household so that solid waste facility costs were equitably distributed.
- Prince William County has not always charged in the manner presently employed. In January 1999, services began to be charged to citizens via the real estate tax bill. This method was adopted in order to provide a stable source of funding for the program. Prince William County does not provide refuse or recycling collection services. The annual fee covers landfill operations, recycling, and household hazardous waste drop-off. Citizens are charged for refuse and recycling collection by private haulers. Based on information provided by Prince William County, homeowners are charged from between \$10 to \$20 a month. The rates, as well as the services provided, vary by hauler. Cooperative bidding by homeowners associations has resulted in deals as low as \$8 per residence per month.
- In FY99 the City of Manassas instituted an enterprise fund to cover all refuse cost rather than pay for refuse cost through taxes/general fund. In previous years refuse services had been subsidized through the general fund which did not reflect the true cost of the service.

Table 2. Service Availability (Collection of Refuse and Recycling)

JURISDICTION	SECTORS SERVED BY LOCAL GOVERNMENT PROGRAM	DIFFERENT LEVELS OF SERVICE PROVIDED TO THE SECTORS	PARTICIPATION (OPTIONAL OR MANDATORY)
City of Alexandria	Residential: SF, TH, row houses, and apartments (4 units or less); Drop-off centers available to other properties	There are no different levels of service	Mandatory
Arlington County	Residential: SF, duplexes (2 units), TH, row houses; Non-residential: churches, non-profits	Restrictions apply to services offered to churches and non-profits	Mandatory: SF and duplexes, townhomes can be exempted, Optional - churches and non-profits
District of Columbia	Residential: SF and MF units of 2 or 3	Residential: AP, BR, BW, FUR, HHW, LE, RE, REC, WG; City-wide: Street and alley cleaning and sanitation enforcement	Mandatory
City of Fairfax	Residential: SF, duplexes, and TH	No	Mandatory
Fairfax County	Residential: SF and duplexes (detached and TH) in Sanitary Refuse Coll. Districts; Non-residential: few churches and other non-profit organizations	No	Mandatory for those in the Sanitary Refuse Collection Districts. MegaBulk service is at request of individual resident.
Falls Church	Residential curbside: SF and most TH; Drop-off center: all residents and businesses	RE for SF and TH; REC and education for all sectors	Mandatory RE collection; mandatory REC for businesses above threshold, optional REC for all others.
Herndon	Residential curbside: SF and Multi-family. HOAs.	No	Voluntary
Leesburg	Residential curbside: SF, townhomes, duplexes and some condos receive container service (RE only). Some curbside commercial RE and REC. Operate 2 recycling drop off centers.	No	Mandatory
Loudoun County	None; private haulers serve all Loudoun County. Direct landfill disposal open to all residents and businesses	N/A-the service levels vary depending on refuse company and geographic location	Mandatory NEWS, GL, CAN, PL, YA, and CRD. Residents must arrange with private haulers or bring to Recycling Dropoff Center.
City of Manassas	Residential: SF and Townhouses (In the Old Town section there are about 110 small businesses, churches and small apartments.	SF – Weekly Townhouses & Small Businesses – Twice a week collection service.	Mandatory
Montgomery County ¹	Residential: SF (6 or less dwellings)	County Collection is not provided to MF (7 or greater dwellings); or non-residential	Mandatory. Proper refuse disposal and recycling is mandatory in all sectors. New regulations ban disposal of recyclables in waste set out for disposal or delivered to County for disposal; single-family, multi-family and nonresidential.
Prince George's County	Residential: SF, TH, and some condos Non-residential: None	Every home receives the same level of service: RE 2X/week; REC, YA, and bulk 1X/week	Mostly mandatory; a small rural section of the County does not receive public services.
Prince William County	None; private haulers serve all PW County. All County properties charged SW User Fee and can use County facilities at no charge.	N/A: The service levels vary depending on refuse company and geographic location. Beginning 1/1/2005 Single-family residential curbside mixed paper program initiated.	Residential - Mandatory Commercial - Principle recyclable material
Vienna	Residential Curbside: SF, TH and MF. Commercial, industrial and C&D collected by private haulers.	No	Mandatory

Table 3. Environmental Investment/Assessment Fee Comparison

JURISDICTION	TYPES OF ENV. IMPACT CHARGES	WHEN FEE WAS IMPLEMENTED	WHY FEE WAS IMPLEMENTED	WHAT THE MONEY IS USED FOR	IMPLEMENTATION PROCESS	CHANGE IN TIP FEE WITH EIAF	PLAN TO START EIAF IN THE FUTURE
City of Alexandria	None	N/A	N/A	N/A	N/A	N/A	No comment at this time
Arlington County	None	N/A	N/A	N/A	N/A	N/A	2004 SWMP recommends an EIF feasibility study.
District of Columbia	None	N/A	N/A	N/A	N/A	N/A	No
City of Fairfax	None	N/A	N/A	N/A	N/A	N/A	No
Fairfax County	None	N/A	N/A	N/A	N/A	N/A	Not at this time
Falls Church	None	N/A	N/A	N/A	N/A	N/A	No
Herndon	None	N/A	N/A	N/A	N/A	N/A	N/A
Leesburg	None	N/A	N/A	N/A	N/A	N/A	
Loudoun County	None	N/A	N/A	N/A	N/A	N/A	N/A
City of Manassas	None	N/A	N/A	N/A	N/A	N/A	N/A
Montgomery County ¹	See notes	See notes	See notes	See notes	See notes	See notes	N/A
Prince George's County	\$30 Base Benefit Charge for all res. units; commercial fee in addition to res. fee	FY 1996 (Comm. fee July, 2001)	To address projected deficit caused by Carbone and to distribute waste costs between comm. & res. sources.	Funds capital improvements to County SW infrastructure	Public hearings, meetings with incorporated municipalities, & newspaper articles to educate the public; voters affirmed fees in a referendum	Decreased from \$72/ton to \$49/ton	N/A
Prince William County	SF: \$70 TH: \$63 MF: \$47	FY 1999	Provide stable source of revenue, eliminate need to import trash, fund SW program	Solid waste programs including REC & HHW coll. and composting facility	Solid waste committees, Chamber of Commerce, Cable TV programs, County Newsletter, and public hearings and County Web Page	No tip fee for all County property owners and in-County refuse haulers	N/A
Vienna	None	N/A	N/A	N/A	N/A	N/A	N/A

Table 3 Notes:

- 1 No "Environmental Investment Fee or Assessment Fees" are charged. However, all solid waste fees charged by Montgomery County are User Fees (not taxes). Each sector is charged a Base System Benefit Charge for each improved property such that aggregate Tipping Fees and Base System Benefit Charges from each sector pay a share of County Base System costs proportional to the sector's share of total waste generation. The County Base System is that part of the County Solid Waste Management System that is available to all sectors. Separate Incremental System Benefit Charges or other user fees are charged to cover County costs for services that are not available to all sectors. Effective July 1st, 2004 the tip fee for MSW was increased to \$52.00/ton. Also beginning July 1, 2004 the County instituted a separate fee to accept waste for disposal in open top roll-off boxes (essentially C & D) set at \$60/ton.

Table 4. Yard Waste Collection Programs

JURISDICTION	IS THERE A PUBLIC YARD WASTE COLLECTION PROGRAM	MATERIALS INCLUDED IN PROGRAM	HOW IT DIFFERS FROM BRUSH AND LEAF COLLECTION	HOW PROGRAM WORKS	WHEN COLLECTION TAKES PLACE	LIMIT ON MATERIAL TO BE PICKED UP	PROCESSED ON-SITE OR OFF-SITE	DO YOU PROHIBIT PLASTIC BAGS	FEE CHARGED FOR THIS COLLECTION
City of Alexandria ¹	Yes	BR, GR, LE, SH, TW small garden plants	YA is for small quantities of small items that can be bagged or tied together	Collected with RE	YA all year.	No	LE on-site. All other material off-site.	No	None - funded by the General Fund
Arlington County ²	Yes	LE - Vacuum LE - biodegradable bags YA- Spring Unbundled BR - year round	Brush bi-weekly with RE by request. YA collection is seasonal.	LE - bio-degradable bags (1day after RE coll) and curbside vacuum(1 in Nov & 1 in Dec) YA – bio-degradable bags or rigid containers - 1day after RE coll (spring)	LE (vacuum): Nov. - Dec. LE (bio-bags): Nov. - Mid-Jan. Spring YA - Spring (schedule varies)	No	On-site and off-site. Excess LE taken to Prince William Balls Ford Road Composting Facility	Yes	None. Funded by the refuse fee and General Fund.
District of Columbia ³	Yes	Bundled BR and bagged LE collected with refuse all year. Bagged and loose LE collected in Fall	Same program	Each street has 2 or 3 passes with vacuum for leaves each Fall; only one pass for HOLT in Jan.; bundled BR and bagged LE collected with refuse all year	Fall LE coll. 10 weeks Nov.- Jan. HOLT coll. second week in Jan. Bundled BR and bagged LE collected all year	No			None
City of Fairfax ⁴	Yes	BR, GR, LE, SH, TW, small garden plants	LE collected curbside in April	YA collected all year	YA collected all year	No	Off-site	No	None
Fairfax County ⁵	Yes	GR, LE, and other organic yard waste other than BR	YA is for small quantities of small items that can be bagged or tied together	Collected once a week on RE collection days	Seasonal - Apr. 1 to Dec. 24	No-with large amt. BR pickup must be requested	On-site	No	None - funded by annual fee
Falls Church ⁶	Yes	BR, GR, HOLT, LE, SH, TW	YA in 30 gal paper bags with \$.50 sticker required; LE (vacuum) Oct. 15-Dec. 15	Bags are picked up every Monday (Jan.-Oct.); LE VAC every other week during collection season	Seasonal-every Monday from Jan. to Oct.	No	On-site and off-site. Bagged waste taken to I-66 Transfer Station. Vacuumed LE processed on-site.	Yes	\$0.50 per bag
Herndon	Yes	YA, BR, GR, LE	YA is collected weekly with RE; LE vacuumed.	YA Collected all year; BR on request and LE vacuumed curbside in November.	YA all year. LE collection - Nov. Spring cleanup - April; Fall Cleanup - Oct.	Spring & Fall cleanup - >1CY/ household	Off-site	Yes	None
Leesburg	Yes	YA, BR, GR, LE, TW	YA collected weekly with REC by contractor, BR & LE collected by Town	YA collected weekly w/REC. LE vacuumed curbside by quadrant.	YA - all year. LE - Oct. to Dec. BR - all year.	No	On-site	Yes	None
Loudoun County ⁷	Yes	BR, GR, LE, TW, SH, wood chips, tree trimmings	Year Round	Citizens and solid waste collectors can continue to deliver materials to the SWMF and curbside recycling will be offered to residents with Major solid waste collectors beginning July 1, 2003.	All year	Depends on the waste collector contract. Must be containerized in brown kraft paper bag or reusable bin or container.	Off-site	Yes	Solid waste collectors providing curbside recycling services for yard waste set fees. Private drop off only; tipping fee of \$55 per ton
City of Manassas	Yes	BR,GR, LE, SH, TW	LE is curbside, yard waste is collected year round.	The City is divided into 12 sections, each section getting 4 collections per season starting in October. Residents rake only leaves to the curb for the vacuum truck	YA – Collected weekly year round. Curbside LE collection begins in October and lasts though first week in January on published schedule.	No. Yardwaste must be bagged or bundled (4'x4' max. diameter). Rake It to the Curb Leaf Program does not use bags.	Off-site, contractor processes YA at Prince William Balls Ford Road Composting Facility	Yes	Cost of collection is included in user fee, which is part of the Enterprise Fund.

JURISDICTION	IS THERE A PUBLIC YARD WASTE COLLECTION PROGRAM	MATERIALS INCLUDED IN PROGRAM	HOW IT DIFFERS FROM BRUSH AND LEAF COLLECTION	HOW PROGRAM WORKS	WHEN COLLECTION TAKES PLACE	LIMIT ON MATERIAL TO BE PICKED UP	PROCESSED ON-SITE OR OFF-SITE	DO YOU PROHIBIT PLASTIC BAGS	FEE CHARGED FOR THIS COLLECTION
Montgomery County ⁸	Yes, there are 2 coll. programs and a drop off site See notes	All YA and BR less than 4" in diam, & 4' long	Yard waste is collected all year long	Pickups are made 1X per week; LE vac. 2X in fall	All year	No - must use bags and BR must be bundled and be less than 4' long and 4" in diameter	On-site	Yes	The YA Collection Program is funded by the Incremental System Benefit Charge (SF - \$96.92/year; MF-\$12.10/year) and the LE Collection is funded by the Leaf Vacuuming Fee (SF - \$67.78/year; MF - \$7.08/year).
Prince George's County ⁹	Yes	BR, GR, LE, and small SH	From Jan.15 to April 15, YA is included with refuse	Weekly curbside not coll. on same day as RE	Seasonal from April 15 to Jan. 15	SH must be in bundles less than 60 lbs., 4' long and 3" in diameter; no limit on bundles	On-site	No	Included in the residential collection charge on tax bills.
Prince William County ¹⁰	Public drop-off at landfill and private collection at Ball's Ford Road compost facility	BR, GR, LE	No difference - program year round - no LE vacuuming	Citizens & haulers deliver materials to sites; pick-up usually in plastic bags, but varies by hauler	All year	Depends on the hauler's contract	On-site	Yes	No public collection, private drop off free for county residents - Non-County: \$26/ton for plastic; \$24/ton for non-plastic;\$11/ton for vacuumed leaves
Vienna	Yes	BR les than 1.5' in dia., YA, LE	YA collected year round	Weekly curbside. LE vac. Oct. - Dec.	All year	20 bag max. 40lb. per bag max. Must use clear plastic or paper bas.	On-site	No	Included in the residential tax bills.

Table 4 Notes:

- 1 The City of Alexandria does not charge its citizens extra for the leaf collection program. The program is funded by the City's general fund.
- 2 Arlington County does not charge an extra fee in addition to the household solid waste fee.
- 3 The District of Columbia does not charge its citizens extra for the yard waste collection program. The program is funded by the annual local fund appropriation.
- 4 The City of Fairfax does not charge its citizens extra for the yard waste collection program. The program is fully funded through the annual solid waste fee charged to all customers.
- 5 Fairfax County does not charge its citizens extra for the yard waste collection program. The program is fully funded through the annual solid waste collection fee charged to sanitary district customers only. Yard waste is composted at either the Loudoun Composting facility or at Prince William County's Balls Ford Road facility.
- 6 The City of Falls Church charges its citizens extra for the yard waste collection program. Yard debris stickers are sold for \$0.50 each. A sticker is placed on each 30-gal. paper yard waste bag.
- 7 Loudoun County citizens must pay a tipping fee to drop-off yard waste at the County Landfill. The County's General Fund offset by tipping fees support the yard waste program.
- 8 MontgomeryCountyoperates two collection programs and a yard trim drop off facility. They offer a once per week, year round curbside collection program, a twice per fall leaf vacuuming program, and a yard trim drop off facility for materials not collected by the County. MontgomeryCountycharges SF homeowners for the weekly yard waste collection program. The fee is part of the Incremental Systems Benefit Charge. This fee covers the full cost of the program. Also, homes in the leaf vacuuming districts pay a separate fee to cover the costs of that program. Homes not receiving the service do not pay the charge.
- 9 Prince George's County does not charge its citizens extra for the yard waste collection program. The program is fully funded through the annual solid waste fee charged to customers.
- 10 Prince William County does not charge its citizens extra for the yard waste disposal program. The program is funded through the annual solid waste fee charged to all residents. Residents can drop-off their yard waste at the landfill or the Balls Ford Composting Facility at no charge. Curbside collection is voluntary and services vary by hauler.

Table 5. Appliance and Metal Collection Programs

JURISDICTION	APPLIANCE COLLECTION PROVIDED	METAL COLLECTION PROVIDED	WHEN COLLECTION TAKES PLACE	FEE FOR APPL/METAL COLLECTION	CHARGED PER STOP OR PER ITEM	WHERE DO YOU DISPOSE/RECYCLE METAL PRODUCTS	COMPARED TO LAST YR. AMT. OF MATERIAL COLLECTED	DO YOU COLLECT APPLIANCES w/FREON or REFRIG.	HOW DO YOU HANDLE APPLIANCES WITH FREON/REFRIG.	COMMENTS ON CURRENT PROGRAM
City of Alexandria	Yes	Yes	Weekly, on Tue. & Wed.	No fee	Per item	Contract - Davis Industries	Increased	Yes	City workers remove freon/refrigerant curbside. Contents recycled through metal properties.	Residents pleased with added extra day of collection
Arlington County	Yes	Yes	Bi-weekly on RE coll. day (by request only)	Only for AP/large metal; \$20 for 1st \$10 ea. Additional	Per item	Contract - Metal Properties, Inc.	Increased	Yes	County workers remove freon/refrigerants curbside. Contents are recycled through Metal Properties, Inc.	No comments
District of Columbia	Yes	Yes	On regular collection day or by appointment	No fee	N/A					Schedule appt. rotation reduced from 8 to 4 days. Appt. made within 10 days impvd. from 52% to 95%. Resp. pos.
City of Fairfax	Yes	Yes	Weekly on RE day; no call required	No fee	N/A	Contract - Davis Industries	Increased	Yes	Freon is removed by a licensed contractor	No comments
Fairfax County	Yes	Yes	Weekly, by request – appliance and scrap metal considered special collections	No fee	N/A	Contract - Davis Industries	Increased	Yes	County workers collect and recycle freon/refrigerants.	AP, BR, and other special collections are now collected each week at households where requested
City of Falls Church	Yes	Yes	Weekly, by request, on Mondays	\$25.00	Per item	Fairfax County's I-66 Transfer Facility	Decreased	Yes	Fairfax County processes.	Limit two items per pick-up.
Herndon	Yes	Yes	By request and during spring & fall cleanup	\$25.00	Per stop	Contract	Increased	Yes	Contractor collects and recycles at a cost of \$18/unit.	No comments.
Leesburg	Yes	Yes	Weekly by request.	No fee	N/A	Contract - Con-Serv Industries, Inc.	Increased	No	Refrigerants must be removed by cert. tech. and a sticker applied to the appliance certifying that the refrigerant has been removed.	No comments.
Loudoun County	Public dropoff at landfill and private collection	Public dropoff at landfill and private collection	N/A	Fee if taken to landfill \$55/ton plus a refrigerant surcharge of \$7/unit; varies by hauler	N/A	Contract	Increased	Yes	Freon is removed by a licensed contractor	No comments.
City of Manassas	Yes	Yes	Weekly on RE day.	No fee	N/A	Contract - Davis Industries	Same	Yes	Freon is removed by a licensed contractor	Cost of APP/Metal collection is included in user fee.
Montgomery County	Yes, to all non-municipal SF households	Yes, to all non-municipal SF households	Within 24 hours of request	No separate fee; included in annual Incremental System Benefit Charge	N/A	Contract	Increased	Yes	Maryland Environmental Services removes refrigerant.	County Refuse Collection Fee includes 5 free pick-ups of bulky waste (non-metal, non-appliance).
Prince George's County	Yes	Yes	By appointment only; residents given a scheduled date for pick-up	Included in bulky trash collection fee on tax bill.	N/A	Contract - Multiple Scrap Metal Companies	Increased	Yes	Freon is removed by a licensed contractor	No comments
Prince William County	Drop-off only at landfill and Balls Ford Road – most haulers do not have separate pick-up	Drop off only	Drop at landfill any day; special pick-up arranged with haulers	No fee if taken to the landfill; varies by hauler	N/A	Contract - Davis Industries	Decreased	Yes	Freon is removed by a licensed contractor. Commercial cust. required to submit certificate of removal.	No comments
Vienna	No	Yes	By request.	Each residence receives 2 free special pickups annually. AP not included.	N/A	Contract - Davis Industries	Increased	No	AP contracted out to private collector.	AP collection to be conducted by private contractor.

Table 6. Brush Collection Programs

JURISDICTION	IS THERE A SEPARATE BRUSH COLLECTION PROGRAM	ARE THERE LIMITS ON THE AMOUNT OR SIZE OF BRUSH COLLECTED	WHEN COLLECTION TAKES PLACE	FEE CHARGED FOR THIS COLLECTION
City of Alexandria	No, collected with RE	Diameter < 8 inches. Bundled and placed curbside.	Weekly on refuse collection day	None. Funded by the solid waste fee and General Fund.
Arlington County	Yes	Length < 10 feet. Diameter < 18 inches. No large quantities. Weight < 50 lbs.	Bi-weekly on RE coll. day by request only	None. Funded by the solid waste fee and General Fund.
District of Columbia	No, collected with RE		Weekly on refuse collection day	No
City of Fairfax	Yes	No	Weekly on refuse collection day	No
Fairfax County	Yes. Initiated the MegaBulk program in 2004 for quantities > 10 CY.	Length < 6 feet. Diameter < 6 inches. Weight < 50lbs. Amount< 10 CY. MegaBulk maximum quantity = 100 CY.	Weekly on refuse collection day, but service must be arranged in advance	No
Falls Church	Yes	Length < 5 feet. Diameter < 6 inches. Weight < 50lbs.	Weekly on Mondays, except October 15 to December 15.	No charge for bundled or bagged brush that meets dimension requirements. \$65 per cu. yard of unbundled brush.
Herndon	Yes	Length < 4 feet. Weight < 50lbs. Tied/ bundled.	Weekly w/RE collection.	No
Leesburg	Yes	Length < 6 feet. Diameter < 4 inches.	Once a week on Tuesday & Wednesdays	No
Loudoun County	No, drop off at landfill or arrange with private hauler	Determined by contractor. No brush greater than 6 inches in diameter.	Accepted year round at the LCSWMF	Disposal fee \$55 per ton
City of Manassas	No, part of weekly YA collection	Length < 4 feet. Diameter < 3 inches. Weight < 50lbs.	Weekly. Every Monday year round	Included in user fee
Montgomery County	No, part of weekly YA collection	Length < 4 feet. Diameter < 4 inches. Weight < 60lbs.	Collected weekly on REC collection day	Included in Incremental System Benefit Charge.
Prince George's County	No, part of YA collection	Length < 4 feet; Diameter < 3 inches; Tied in bundles	Collected weekly on designated day (generally Wednesday)	Included in the residential collection charge on tax bill.
Prince William County	No, drop off at landfill and Balls Ford Road some haulers provide voluntary pick-up	Length < 6 feet; Diameter < 8 inches; No stumps.	Citizens deliver to sites Typically once a week for haulers who provide service	None for drop-off Varies by hauler
Vienna	Yes. Large clippings (>1.5 inches in diameter) are picked up on request. Clipping smaller than 1.5 inches are included in YA pickup.	Length < 8 feet; Diameter > 1.5 inches and < 6 inches. One load < size of a Volkswagon Beattie	On request between Jan. 1 and Oct. 1	\$25 per load (defined as a maimum of one single-axeled dump truck load). First 2 pickups free.

Table 7. Recycling Programs

JURISDICTION	RECYCLING SERVICES OFFERED	HOW IS THE RECYCLING PROGRAM FUNDED	HOW IS JURISDICTION BALANCING OPPOSING ISSUES BETWEEN WASTE REDUCTION & WASTE DEMAND FROM LANDFILLS & INCINERATORS	DO YOU RECYCLE COMPUTERS	IS COMPUTER RECYCLING ONLY FOR RESIDENTIAL AND/OR SMALL BUSINESSES	DO COMMERCIAL BUSINESSES HAVE COMPUTER RECYCLING PROGRAMS IN YOUR JURISDICTION
City of Alexandria ¹	Residential curbside coll. and 4 drop-off centers	General Fund (As of June 30, 2002 the previously operated enterprise fund on tipping fees was eliminated.)	No comments	Yes	Yes	No
Arlington County	Weekly curbside recycling for residential (SF & duplex) and 2 drop-off centers.	Recycling programs are funded by the household solid waste fee and the General Fund.	Arlington believes that waste reduction and recycling are important to reduce the overall waste stream. WTE plant accepts waste from outside Arlington County and Alexandria City to make up the difference, when necessary.	Yes	Yes	Unknown
District of Columbia	Weekly point of collection service	General Fund	Not an economic issue for DC because they have no put or pay requirements and no final disposal capacity in town; under the current contract it is cheaper to dispose rather than recycle; DC is looking into grinding leaves and yard waste so that the mulch can be returned to the community			
City of Fairfax	Residential curbside coll.; drop-off center for residential and commercial	Tax base (real estate)	No comments	Yes	Yes	Yes, Office Depot
Fairfax County	Public curbside, and Recycling Drop-Off Centers	Private: customer charges Public: disposal tip fees and sale of recyclables	The I-95 Energy Recovery Facility is operating at capacity due to agreements with private haulers to hold tipping fee at a reduced level (\$39.95/ton) in exchange for guaranteed delivery of material for disposal.	Yes	No	Yes, unknown
City of Falls Church	Residential curbside and drop-off center	Real estate taxes (general fund)	Do not feel an obligation to "feed" the incinerator; we encourage residents to recycle and reduce as much as possible.	Yes	No	Information unavailable.
Herndon	Residential curbside for NEWS, PL, GL, CAN	Residential Fee Recycling fee itemized on water bill - \$10/household annually	No comments	No	No	No
Leesburg	Residential and some commercial curbside coll. CAN, MET, GL, PL, CRD, MIX, NEWS and 2 drop-off centers	General Fund	No comments	No	Yes	No
Loudoun County ²	Curbside MIX, CAN, GL, PL CRD, YA County offers 8 drop-off centers for CAN, CRD, GL, MIX, PL; Landfill drop-off center also accepts HOLT, UOA, and ME	County General Fund	County policy is to conserve landfill space as public service need.	Yes	Yes	No
City of Manassas	Residential curbside. Drop-off for residents and businesses.	User fee	The City used to require additional "stickers" costing 50 cents each for bagged waste in our yard waste program. However, we found that we could recycle more without the sticker. Many residents just did not want to leave grass on their yards, but were willing to use a paper bag or trash can for "recycling".	Yes	Yes	Yes, a contractor who specializes in computer recycling.

JURISDICTION	RECYCLING SERVICES OFFERED	HOW IS THE RECYCLING PROGRAM FUNDED	HOW IS JURISDICTION BALANCING OPPOSING ISSUES BETWEEN WASTE REDUCTION & WASTE DEMAND FROM LANDFILLS & INCINERATORS	DO YOU RECYCLE COMPUTERS	IS COMPUTER RECYCLING FOR RESIDENTIAL AND/OR SMALL BUSINESSES	DO COMMERCIAL BUSINESSES HAVE COMPUTER RECYCLING PROGRAMS IN YOUR JURISDICTION
Montgomery County	Curbside for all non-municipal SF for MIX, containers, YA, and LE; also HHW drop-off for res. and non-res.; drop-off for EL. By end of FY05 non-municipal SF will be provided with 65 gal. lidded rolling cart for MIX recycling.	Incremental System Benefit Charges	Waste importation is not allowed and our 50% recycling goal does not conflict with a full WTE facility. MSW generation in Montgomery County exceeds 1 million tons/year. Achieving 50% recycling will leave the WTE facility at greater than operating contract guaranteed throughput.	Yes	Yes	Yes, the County encourages businesses to voluntarily set up programs.
Prince George's County	Curbside coll. for SF and TH; apartments handle own 2 drop-off sites	Included on tax bill	Trying to limit the amount of waste going into Brown Station Road Landfill to conserve space, since there is no other disposal facility in jurisdiction.	Yes	Yes	No
Prince William County	Curbside, drop-off, and processing; year around weekly HHW, computer, and electronics collections included in SW user fee. Initiated curbside residential mixed paper collection on 1/5/05.	Part of solid waste fee for drop-offs and processing & part of private hauler fee for collection funds the rest	With Solid Waste User Fee, flow of trash is not needed to fund system.	Yes	Yes	Varies by business.
Vienna	Curbside collection for all residence. Includes MIX, CRD, CAN, GL, PL, YA	General Fund	The Town encourages recycling to reduce waste stream to landfill.	No	N/A	Unknown

Table 7 Notes:

- 1 A fourth drop-off center was opened at 4215 Eisenhower Avenue to collect paper, cardboard, aluminum, glass, and plastic bottles.
- 2 Starting January 1, 2003 mandatory recycling for major waste collectors will be implemented for residential source separated materials. Starting July 1, 2003 major waste collectors add YW and CRD for residential source separated materials. October 1, 2003 businesses shall separate from it's solid waste stream at least one PRM that such business generates annually in the greatest quantity. In multi-tenant commercial properties in which individual businesses do not manage their own solid waste, the PRM separated shall be determined on the basis of the property's combined waste stream. A 9th Recycling Dropoff Center is to be constructed and operating in FY04. The DOC will be located off the Rt. 7 corridor in western Loudoun County and provide MIX, CRD, CAN, GL & PL collection services.

Table 8. Recycling Program Requirements

JURISDICTION	IS RECYCLING REQUIRED FOR EACH SECTOR?	WHAT MATERIALS MUST BE RECYCLED?	DO YOU IMPOSE THRESHOLDS OR REQUIRE PLANS?
City of Alexandria	Residential – Voluntary Commercial - Voluntary	Not Applicable	No threshold or plans required beyond meeting the state recycling goal of 25%. In 2003 the City passed an ordinance that requires recycling haulers to report tonnage for measurement purposes in meeting the state requirement.
Arlington County	Residential – Mandatory Commercial - Mandatory	SF & Duplexes – MIX, PL, CRD, GL, CAN. MF (>2 units) – MIX, PL, CRD, GL, CAN. Commercial – 2 principle recyclable materials generated in the greatest quantity.	MF and commercial businesses must file a recycling plan with the County and update every 3 years. Solid waste and recycling haulers/collectors must file annual report.
District of Columbia	Residential – Voluntary <3 units, Required >3 units Commercial – Mandatory	Residential (<3 Units) – MIX, GL, ME, PL. MF (>3 units) – MIX Commercial - MIX	Beginning in 2002 commercial waste generators (all residential >3 units, institutional, industrial and commercial) are required to submit a plan for recycling.
City of Fairfax	Residential – Mandatory Commercial – Mandatory w/ thresholds	Residential – CAN, GL, MIX, PL, AP, BR, GR, HOLT, LE, ME, SH, TW, UOA, WG, YA Commercial – 2 principle recyclable materials generated in the greatest quantity.	Commercial – 1. Average annual number of employees of 100 or more at a single site within the city, or average annual number of employees of 200 or more at multiple sites within the City or County, or located within an office building or office complex having an average annual number of employees of 100 or more. 2. Has 75,000 or more square feet of commercial, industrial or institutional space, or is located within a commercial, industrial, or institutional complex of 75,000 sq. ft.
Fairfax County	Residential – Mandatory SF, Mandatory MF (>100 units) Commercial – Mandatory w/ thresholds	Residential SF – MIX, PL (bottles), GL, CAN, YA Residential MF (>100 units) - NEWS Commercial - White Paper or principle recyclable materials generated.	Office buildings or complexes having a total occupancy of 200 employees or more (full-time equivalent) are required to recycle white office paper. All other commercial, retail, industrial, government, public and institutional uses which generate 100 tons or more of solid waste annually (40 cubic yards combined of refuse plus recycling weekly, bulk without compaction) are required to recycle the principle recyclable material comprising the greatest % of the waste stream. Recycling plans required for commercial operations. Waste & Recycling haulers must file annual reports.
City of Falls Church	Residential SF – Voluntary Multi-Family - Mandatory Commercial – Mandatory w/ thresholds	Residential MF – NEWS, GL, ME Commercial – Principle recyclable material generated.	Businesses with more than 200 employees or that generate more than 100 tons of trash annually must establish recycling programs for principal recyclable materials. An annual report is required.
Herndon	Residential - Mandatory Commercial - Mandatory	Residential SF, TH, - NEWS, PL, GL, CAN Multi-Family - Contracted	No threshold or plans required beyond meeting the state recycling goal of 25%.
Leesburg	Residential – Voluntary Commercial – Voluntary	Not Applicable	No threshold. Contractor reports quantities collected to state and Loudoun County Government as the town is part of the Loudoun County Solid Waste Management District.
Loudoun County	Residential – Mandatory Commercial - Mandatory	Residential – MIX, CAN, GL, PL, CRD, YA Commercial – Principle recyclable material generated.	No threshold. Collectors, residents and businesses must adhere to County's solid waste/recycling ordinances.
City of Manassas	Residential – Voluntary Commercial – Voluntary	Residential – NEW, GL, MIX CAN, PL	Several 14001 ISO companies and those that participate with the Waste Wise program in the City.
Montgomery County	Residential – Mandatory Commercial - Mandatory	Residential SF (≤6 units), MF, and Commercial – MIX, Comingled materials, CAN, PL GL YD, HOLT, ME, AP	New/revised regulations ban disposal of recyclables in waste set out for disposal and in waste delivered to County for disposal from all sectors. Large businesses (100 or more on-site employees) are required to submit an Annual Business Recycling and Waste Reduction Report by the dates specified in the Reporting Schedule. Small businesses (fewer than 100 on-site employees) are required to, upon request from Division of Solid Waste Services, submit a Plan or Annual Report.
Prince George's County	Residential SF – Voluntary Residential MF – Mandatory Commercial - Voluntary	Minimum requirements concerning the types of materials that can be recycled are NEWS, and mixed containers.	Current State mandated recycling goals are 35%. The County's current recycling rate is 38%.
Prince William County	Residential – Mandatory Commercial - Mandatory	Residential – MIX, NEWS, GL, PL, CAN Commercial – Principle recyclable material generated.	No threshold. Haulers must adhere to County's solid waste/recycling ordinance.
Vienna	Residential - Voluntary Commercial - Voluntary	Not Applicable	No threshold or plans required beyond meeting the state recycling goal of 25%.

Table 9. Refuse Disposal Programs

JURISDICTION	WHERE REFUSE IS TAKEN FOR DISPOSAL	TIPPING FEE PAID TO THE FACILITY	OWN FACILITY/HAVE CONTROL OVER TIP FEE	DO YOU PLAN ON IMPLEMENTING ANY CHANGES TO YOUR PROGRAM IN THE COMING YEAR	SPECIAL COLLECTIONS	
					DO YOU OFFER SPECIAL CURBSIDE COLLECTION FOR OTHER ITEMS	IS THERE A LIMIT TO THE NUMBER OF COLLECTIONS OR A FEE
City of Alexandria	WTE plant in Alexandria, Virginia	\$61.45/ton	Alexandria and Arlington co-own the facility and the trustees set the tip fee	No	No	No
Arlington County	WTE plant in Alexandria, Virginia	\$61.45/ton	Arlington and Alexandria co-own the facility and the trustees set the tip fee	No	Yes	No
District of Columbia	I-95 WTE in Lorton, Virginia	\$46.43/ton; (\$34/ton for tipping fee; \$12.43 for transfer from DC to I-95 WTE)	No			
City of Fairfax	Transfer station at I-66	\$37.95/ton	No	No	Yes	No limit, no extra charge
Fairfax County	Transfer station at I-66; Complex at I-95	\$42.45/ton for RE & bulk \$27/ton for BR	Yes, County owns/has control of the facility and controls tip fee	Implementing a county-wide curbside recycling program and improved business recycling to reduce toxic waste.	Yes	Yes. The Megabulk charge is \$5/CY.
City of Falls Church	Transfer station at I-66	\$42.45/ton	No	No	Yes	No limit. Fee of \$65 per 2 CY.
Herndon	Fairfax	\$42.45/ton	No	No	Yes	No limit. \$25 per load.
Leesburg	Loudoun County Landfill	\$55/ton	No	Yes, plan to change bulk collection to REC collection day.	Yes	No
Loudoun County ¹	Transfer station at I-66; Loudoun Co Landfill; Old Dominion transfer station	Variable \$55/ton for MSW Variable	No Yes No	No	No	Offer 8 hazardous waste collections, 2 CESQG events and 2 e-cycling events per year (not curbside).
City of Manassas	Transfer station in Manassas.	\$46/ton	No, but have special use permit which gives WM limitations and guidelines on operations.	No	No	No
Montgomery County ²	All waste (not recyclables) delivered to the County for disposal, and that can be processed at the Resource Recovery Facility is sent there; non-processibles are recycled locally or landfilled at a private out-of-county facility.	\$52/ton charged by the County at transfer station; see notes	Do not own, but have control - see notes	No	Yes	Yes, 5 bulk collections a year. Unlimited curbside collection of white goods, appliances and other metal.
Prince George's County	Brown Station Road Landfill. Sandy Hill Landfill reached capacity and closed June 23, 2000.	\$49/ton	Yes	No	Yes	No
Prince William County	County landfill at Independence Hill; I-95 WTE Plant	\$0 for County residents \$45/ton for towns and cities within County	County owns landfill. Fee set by Board of County Supervisors	No	No, contractors regulate special collections.	Not Applicable
Vienna	I-95 WTE in Lorton, Virginia and I-66 Fairfax Co. Transfer Station	\$42.45/ton	No	AP collection contracted to private hauler.	2 free collections annually.	No limit - \$75 per load for everything but brush - \$25/load.

Table 9 Notes:

- 1 Effective November 1, 2002; Landfill tipping fee schedule was standardized to \$55/ton for MSW, Vegetative waste (including YA and aboreal waste) CDD, and clean dirt, concrete, road pavement, brick and block. Also effective November 1, 2002, on Saturdays ONLY, residents with up to 10 standard-sized bags of household garbage pay \$3/vehicle/trip under FastTrash program.
- 2 Montgomery County pays no tipping fees for their exclusive use of the Resource Recovery Facility (the name of the County's WTE facility). Under a long-term agreement, the County pays Northeast Maryland Waste Disposal Authority to cover all RRF Project obligations, including operation of and rail haul from its transfer station. During FY04, the County loaded on rail to the RRF 639,764 tons of processible waste for an actual cost to the County of \$41.058 million. Under a separate long-term agreement, they pay \$36.63 (FY04) per ton to haul and dispose of ash and non-processibles at the Brunswick, Virginia landfill. Montgomery County controls the RRF through their agreement.

Table 10. Outreach and Other Information

JURISDICTION	DO YOU OPERATE A WEBSITE FOR SOLID WASTE/TRASH ISSUES	IS IT PART OF AN OVERALL JURISDICTION WEBSITE OR STANDALONE	HOW OFTEN IS INFORMATION UPDATED ON THE WEBSITE	WHAT RESOURCES ARE DEDICATED TO THE WEBSITE OPERATION AND MAINTENANCE	OTHER INFORMATION
					WHAT CHANGES DO YOU ANTICIPATE MAKING BASED ON YOUR RECENT SW PLAN UPDATE
City of Alexandria	Yes	Jurisdiction	As Needed	1 staff with input from all staff	Examining mandatory commercial and multi-family recycling programs.
Arlington County	Yes	Jurisdiction	As Needed	1 staff in Solid Waste Bureau	Solid Waste Bureau reorganized to enhance resources devoted to commercial and multi-family recycling, solid waste planning and outreach/education.
District of Columbia					No Response
City of Fairfax	Yes	Jurisdiction	As Needed	IT/Community Relation staff	None
Fairfax County	Yes	Jurisdiction	Weekly	1 full-time, 4 mid/high level part-time	Expand to countywide curbside recycling and improved business recycling program w/emphasis on toxic reductions.
City of Falls Church	Yes	Jurisdiction	Solid waste site not updated since established 3 years ago. Event information updated 2-3 times per year.	2 staff from City's Office of Communications w/ assistance from IT Consultant.	Improve public outreach and education. Implement waste reduction programs in City Gov't. and schools. City Code revision to expand recyclables collected at multi-family residences. Implement emergency collection/disposal strategy and increase CD recycling.
Herndon	Yes	Jurisdiction	As Needed	IT Department and the Public Information Officer	None
Leesburg	Yes	Jurisdiction	Weekly	Admin. Associate from E&PW Dept. and town's webmaster through IT Dept.	None
Loudoun County	Yes	Jurisdiction	As Needed	Solid Waste Management division provides updates and information to 2 County Departments responsible for website operation & maintenance.	Continue a landfill tip fee initiative begun in FY04 for put-or-pay contracts. Initiate a public-private partnership for development of a recycling depot in the County.
City of Manassas	Yes	Jurisdiction	As Needed	2 staff in Public Works Department w/assistance from City IT Department.	Planned pilot program using carts in SF and Townhomes planned for 2005 has been delayed.
Montgomery County	Yes	Jurisdiction	Daily	1 FTE within the Division as well as support and maintenance, as needed, from County IT services.	In Montgomery County, Maryland the 10-year Comprehensive Solid Waste Management Plan covering the years 2004-2013 was recently approved by the County Council and is available at: www.montgomerycountymd.gov/solidwaste
Prince George's County	Yes	Jurisdiction	As Needed	3 staff	Not Applicable
Prince William County	Yes	Jurisdiction	As Needed. Adding a business recycling page in 2005.	1 staff member maintains entire PW Website w/input from each Division & assistance from IT Dept.	Implemented residential curbside mixed paper recycling as of 1/1/05. Reach out to local businesses in 05.
Vienna	Yes	Standalone	As Needed	1 IT Administrator	Contract AP collection.

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Appendix A

Municipal Solid Waste Collection Systems

REFUSE				RECYCLING		
JURISDICTION	System	Freq.	Hshlds.	System	Freq.	Hshlds.
City of Alexandria	public	weekly	19,073	contract	weekly	19,073
Arlington County ³	contract	weekly	32,018	contract	weekly	32,018
District of Columbia	public	weekly & bi-weekly	109,000	contract	weekly	109,000
City of Fairfax	public	weekly	6,060	contract	weekly	6,060
Fairfax County ¹	public contract private	weekly varies varies	41,232 1,790 227,036	contract private	weekly weekly	43,022 227,036
City of Falls Church	public	weekly	3,189	contract	weekly	3,189
Herndon	public	weekly	5,087	public	weekly	5,087
Leesburg	contract	weekly	10,091	contract	weekly	10,091
Loudoun County ²	contract ³	varies	69,487	contract	varies	52,619
City of Manassas	contract	weekly	9,856	contract	weekly	9,856
Montgomery County, Maryland	contract private	weekly varies	86,252 County, not municipal	contract	weekly	206,439 County, not municipal
Prince George's County, Maryland	contract	weekly & bi-weekly	144,000	contract	weekly	154,000
Prince William County	private	varies	116,224	private	varies	116,224
Vienna	public	weekly	5,331	public	weekly	5,331
Metropolitan Totals	Public Contract Private		188,972 353,494 <u>343,260</u>	Public Contract Private		29,491 626,294 <u>343,260</u>
Total			885,726			999,045

Key: public = public collection crews
contract = government contract with private company
private = households contract with private company

Appendix A Notes:

- 1 Fairfax County private collection estimate is derived by subtracting public weekly collection and other County customers from the estimated total number of single family, duplex, multiplex and townhome counts for the County.
- 2 Loudoun County does not provide residential waste collection or curbside recycling services. Residents may either contract for the services individually or through their HOA, town, or apartment/residence. Therefore, the number of households served by contract are based on annual reports provided by permitted solid waste collectors in the County. There were approximately 74,703 households in Loudoun County in 2003.
- 3 Proposed number of households served by public collection for refuse in FY05 will be zero.

Appendix B

Residential Solid Waste Survey Contacts February 2005

JURISDICTION	CONTACT PERSON	PHONE NUMBER	EMAIL
Alexandria	Alton Weaver	(703) 751-5130	Alton.Weaver@alexandriava.gov
Arlington County	Scott MacDonald	(703) 228-6491	Smacdona1d@arlingtonva.us
District of Columbia	Thomas Henderson	(202) 645-0744	
City of Fairfax	Kevin Hart	(703) 385-7995	khart@fairfaxva.gov
Fairfax County	Jeff Smithberger	(703) 324-5230	jeff.smithberger@fairfaxcounty.gov
Falls Church	Annette Mills	(703) 248-5176	amills@ci.falls-church.va.us
Herndon	Dave C. Kochendarfer	(703) 435-6800 ext. 2067	dave.kochendarfer@herndon-va.gov
Leesburg	Thomas A. Mason	(703) 771-2790	tmason@leesburgva.gov
Loudoun County	Kate Glass	(703) 737-8769	kglass1@loudoun.gov
City of Manassas	Sue Lhotka	(703) 257-8252	slhotka@ci.manassas.va.us
Montgomery County	Jeanne Risher	(240) 777-6434	Jeanne.Risher@MontgomeryCountyMD.gov
Prince George's County	Raymond S. Harris	(301) 883-5835	rharris2@pg.md.us
Prince William County	Gail C. Harris	(703) 792-6804	gharris@pwcgov.org
Vienna	Holly M. Chu, P.E.	(703) 255-6387	chu@ci.vienna.va.us

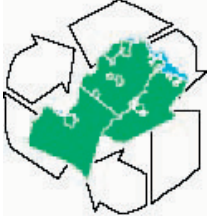
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Appendix C

Residential Solid Waste Survey Conducted in February 2005

**2005 SURVEY OF PUBLIC RESIDENTIAL SOLID WASTE SERVICES
IN THE WASHINGTON METROPOLITAN REGION
DATA COLLECTION FORM**

Northern Virginia Regional Commission
7535 Little River Turnpike, Suite 100
Annandale, Virginia 22004
(703) 642-0700
Contact: Doug Pickford
pickford@novaregion.org



February 2, 2005

**Please return by Friday, February 18, 2005.
Refer to PDF attachments for 2004 responses.**

PLEASE NOTE NEW QUESTIONS LISTED IN RED
#1, 3, 4, 28, 29, 36, 37, 38, 45, 51, 52, 53, and Sections I, J, K
EVERYONE IS ASKED TO ADDRESS THESE QUESTIONS

CONTACT INFORMATION

Name:
Jurisdiction:
E-mail:
Phone:

# Households Served:	Refuse: Public	Contract
	Recycling: Public	Contract

A. RATE STRUCTURE

- 1. What is your rate structure based upon? Calendar Year ☐ Fiscal Year ☐**
- 2. What is the current annual solid waste rate charged to citizens?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
- 3. Are you projecting a rate increase next year? Yes: ☐ No: ☐**
- 4. Does your jurisdiction complete a multi-year financial plan regarding rate charges?**
Yes: ☐ No: ☐
If yes, what duration? (e.g. 2 year projection, 5-year projection)
- 5. What services are included in this basic fee?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
- 6. What services are provided for an additional cost?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

7. **How much is charged for these additional services?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
8. **When are these additional services performed (regular refuse day, biweekly, seasonally)?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
9. **How are the basic rate and extra service costs charged to citizens (itemized on tax bill, included in real estate taxes, itemized on utility bill)?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
10. **Has your jurisdiction always charged in this manner? If not, when and why was this method changed?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

B. SERVICE AVAILABILITY

11. **Which sectors of your community are served by your programs (i.e., multi-families of how many units, businesses, churches, non-profit organizations)?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
12. **Are there different levels of service provided to these sectors?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
13. **Is participation in your program optional or mandatory for eligible customers?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

C. ENVIRONMENTAL INVESTMENT/ASSESSMENT FEE

14. **Does your jurisdiction utilize any type of Environmental Investment Fee/Assessment Charge/User Fee?** (NOTE: All properties within the jurisdiction are charged an availability fee for solid waste disposal whether they receive service from the jurisdiction or not.)
If no, go to question 17.
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
15. **When was this fee implemented?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
16. **Why was this fee implemented?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
17. **What is the money being used for?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

18. **What was your implementation process (citizen involvement, public education, etc.)?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
19. **Did your tip fee change with the implementation of an EIAF? How?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
20. **Does your jurisdiction plan to implement an EIAF in the future?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

D. YARD WASTE

(Note: Yard waste is defined as grass, weeds, and leaves. For other items, see brush.)

21. **Do you have a yard waste collection program?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
22. **What materials are included in this program?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
23. **How does this differ from brush and Fall leaf collection programs?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
24. **How does it work (when pickups are made, how material is collected, etc.)?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
25. **Is collection seasonal or year around? If seasonal, what are the dates?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
26. **Is there a limit on the amount of materials that will be picked up?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
27. **Is there a fee charged for this program? If so, does it cover the full cost of the program? If not, how is the remainder of the program funded?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
28. **Where is the yard waste taken for processing? On-site: ☐ Off-site: ☐**
Other (describe):
29. **Do you prohibit plastic bags for the collection of yard debris? Yes: ☐ No: ☐**

E. APPLIANCE/METAL COLLECTION

30. **Do you provide appliance collection? Metal collection?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

31. **How frequently do you collect appliances/scrap metal?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
32. **When do you collect appliances/scrap metal (on refuse collection day, every other day, etc.)?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
33. **Is there a fee for appliance/metal collection? Is so, what do you charge? Is this per stop or per item?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
34. **Does the fee cover the entire cost of the program? If no, how is the program funded?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
35. **Have you changed the frequency or schedule of collection? What was the public response?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
36. **Where do you dispose/recycle the metal products? Describe:**
37. **Have the amounts of these materials risen/dropped over the last year?**
Risen: ☐ **Dropped:** ☐
38. **Do you collect appliances that contain Freon or refrigerants? Yes:** ☐ **No:** ☐
If yes, are there special procedures used to collect/dispose? Describe:

F. BRUSH COLLECTION

(Note: Brush is defined as anything larger than clippings, such as limbs from tree pruning or removal.)

39. **Do you provide brush collection?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
40. **How frequently do you collect brush?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
41. **When do you collect brush (on refuse collection day, every other Wednesday, etc.)?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
42. **Is there a fee for brush collection? Is so, what do you charge?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
43. **Does the fee cover the entire cost of the program? If not, how is the program funded?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

44. Have you changed the frequency or schedule of collection? What was the public response?
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

45. Do you have limits on the amount or size of brush you collect? Yes: ☐ No: ☐
If yes, what are they (e.g. length, width, height, weight)? Describe:

G. RECYCLING

46. What recycling services are provided to different sectors of your jurisdiction (curbside collection for residential, drop-off centers for businesses, etc.)?
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

47. How is your recycling program funded?
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

48. Recycling and source reduction initiatives are reducing the waste generated within jurisdictions, while landfills and incinerators in this area are desperate for trash. How is your jurisdiction balancing these opposing issues? (For instance, Arlington encourages residents to compost their leaves but all residents are charged \$8 per year for bagged and vacuum leaf collection.)
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

49. What are the recycling requirements for each sector of your community? (i.e. single-family, town homes, multi-family, businesses, etc.). Include in your response materials required to be recycled, recycling plan requirements and thresholds (if any), etc.
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

50. What were your recycling rates for the past three years?
2002:
2003:
2004:

51. Does your jurisdiction hold events or have a permanent collection program for computer recycling? Yes: ☐ No: ☐

52. Is this only for residential and/or small businesses? Yes: ☐ No: ☐

53. Do other commercial businesses have computer recycling programs in place? Yes: ☐ No: ☐
If yes, who operates these programs? Describe:

H. REFUSE

54. Where is your refuse taken for disposal?
☐ Same as 2004
☐ Changed since 2004 (describe changes here):

55. **What is the tip fee you pay at this facility?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
56. **Do you own this facility/have any control over the tip fee?**
☐ Same as 2004
☐ Changed since 2004 (describe changes here):
- I. SPECIAL COLLECTION**
57. **Do you offer special collection curbside for other items? Yes: ☐ No: ☐**
If yes, is there a different charge? Yes: ☐ No: ☐
If yes, what is the charge?
58. **Is there a frequency limit of special collections (e.g. 3 free special collections per year)?**
Yes: ☐ No: ☐ **If yes, what is the limit? Describe:**
59. **Do you plan on implementing any collection program changes in the next year? Yes: ☐**
No: ☐ If yes, describe:

J. OUTREACH

60. **Do you operate a website for solid waste/trash issues? Yes: ☐ No: ☐**
If yes, is it part of an overall jurisdiction website or separate/standalone?
Jurisdiction: ☐ Standalone: ☐
61. **How often is the website updated? Describe:**
62. **What staff resources are dedicated to its operation/maintenance?**

K. OTHER

63. **Virginia jurisdictions were required to submit a Solid Waste Management Plan to the State DEQ in July 2004. What (if any) program changes are you planning in CY 2005 based upon this plan? Describe:**

Thank you for your participation. Please e-mail this form to Doug Pickford at pickford@novaregion.org.

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Appendix D

Comparison of Yard Waste Collection, Refuse Services, and Rate Structures

2003 - 2005

Yard Waste Collection 2003 - 2005

JURISDICTION	PUBLIC YARD WASTE COLL. PROGRAM	MATERIALS INCLUDED IN PROGRAM 2003	MATERIALS INCLUDED IN PROGRAM 2004	MATERIALS INCLUDED IN PROGRAM 2005	HOW THE PROGRAM WORKS 2004	HOW THE PROGRAM WORKS 2005	WHEN COLLECTION TAKES PLACE 2004	WHEN COLLECTION TAKES PLACE 2005
City of Alexandria	Yes	LE	LE	LE	LE collected curbside by City crews	LE collected curbside by City crews	Usually every week from Oct.-Dec.	Usually every week from Oct.-Dec.
Arlington County	Yes	LE - Vacuum LE - biodegradable bags YA- Spring BR - year round	LE - Vacuum LE - biodegradable bags YA- Spring BR - year round	LE - Vacuum LE - biodegradable bags YA- Spring BR - year round	LE - bio-degradable bags (1day after RE coll) and curbside vacuum(1 in Nov & 1 in Dec) YA – bio-degradable bags or rigid containers - 1day after RE coll (spring)	LE - bio-degradable bags (1day after RE coll) and curbside vacuum(1 in Nov & 1 in Dec) YA – bio-degradable bags or rigid containers - 1day after RE coll (spring)	LE - seasonal (Nov 1 - Jan 15) YA – April BR - year round	LE (vacuum): Nov. - Dec. LE (bio-bags): Nov. - Mid-Jan. Spring YA - Spring (schedule varies)
District of Columbia	Yes	Bundled BR and bagged LE collected with refuse all year. Bagged and loose LE collected in Fall	Bundled BR and bagged LE collected with refuse all year. Bagged and loose LE collected in Fall		Each street has 2 or 3 passes with vacuum for leaves each Fall; only one pass for HOLT in Jan.; bundled BR and bagged LE collected with refuse all year		Fall LE coll. 10 weeks Nov.-Jan. HOLT coll. second week in Jan. Bundled BR and bagged LE collected all year	
City of Fairfax	Yes	BR, GR, LE, SH, TW, small garden plants	BR, GR, LE, SH, TW, small garden plants	BR, GR, LE, SH, TW, small garden plants	YA collected all year	YA collected all year	YA collected all year	YA collected all year
Fairfax County	Yes	GR, LE, and other organic yard waste other than BR	GR, LE, and other organic yard waste other than BR	GR, LE, and other organic yard waste other than BR	Collected once a week on RE collection days	Collected once a week on RE collection days. MegaBulk collection on request.	Seasonal - Apr. 1 to Dec.24	Seasonal - Apr. 1 to Dec.24. MegaBulk collected on request.
Falls Church	Yes	BR, GR, HOLT, LE, SH, TW	BR, GR, HOLT, LE, SH, TW	BR, GR, HOLT, LE, SH, TW	Bundled or bagged brush picked upon Mondays except Oct. 15 - Dec. 15 (loose leaf collection season)	Bundled or bagged brush picked upon Mondays except Oct. 15 - Dec. 15 (loose leaf collection season)	Bagged YA Jan. - Oct., Brush all year except Oct. 15 - Dec. 15, Loose LE Oct. 15 - Dec. 15	Bagged YA Jan. - Oct., Brush all year except Oct. 15 - Dec. 15, Loose LE Oct. 15 - Dec. 15
Herndon	Yes	Not Surveyed.	Not Surveyed.	YA, BR, GR, LE	Not Surveyed.	YA Collected all year; BR on request and LE vacuumed curbside in Nov. Spring clean up - April; Fall cleanup - Oct.	Not Surveyed.	YA all year, BR on request and LE in Nov.
Leesburg	Yes	Not Surveyed.	Not Surveyed.	YA, BR, GR, LE, TW	Not Surveyed.	YA collected weekly w/REC. LE vacuumed curbside by quadrant.	Not Surveyed.	YA - all year. LE - Oct. to Dec. BR - all year.
Loudoun County	Public drop-off at landfill only Private collection	BR, GR, LE, TW, SH, wood chips, tree trimmings	BR, GR, LE, TW, SH, wood chips, tree trimmings	BR, GR, LE, TW, SH, wood chips, tree trimmings	Citizens and solid waste collectors can continue to deliver materials to the SWMF and curbside recycling will be offered to residents with Major solid waste collectors beginning July 1, 2003.	Citizens and solid waste collectors can continue to deliver materials to the SWMF and curbside recycling will be offered to residents with Major solid waste collectors beginning July 1, 2003.	All year	All year
City of Manassas	Yes	BR, GR, LE, SH, TW	BR,GR, LE, SH, TW	BR,GR, LE, SH, TW	The City is divided into 12 sections, each section getting 4 collections per season starting in October. Residents rake only leaves to the curb for the vacuum truck.	The City is divided into 12 sections, each section getting 4 collections per season starting in October. Residents rake only leaves to the curb for the vacuum truck.	Curbside LE collection begins in October and lasts through first week in January.	Curbside LE collection begins in October and lasts through first week in January.
Montgomery County	Yes, there are 2 coll. programs and a drop off site	All YA and BR less than 4" in diam, & 4' long	All YA and BR less than 4" in diam, & 4' long	All YA and BR less than 4" in diam, & 6' long	Pickups are made 1X per week; LE vac. 2X in fall	Pickups are made 1X per week; LE vac. 2X in fall	All year	All year
Prince George's County	Yes	BR, GR, LE, and small SH	BR, GR, LE, and small SH	BR, GR, LE, and small SH	Weekly curbside not coll. on same day as RE	Weekly curbside not coll. on same day as RE	Seasonal from April 15 to Jan. 15	Seasonal from April 15 to Jan. 15
Prince William County	Public drop-off at landfill only Private collection at Ball's Ford Road compost Fac.	BR, GR, LE	BR, GR, LE	BR, GR, LE	Citizens & haulers deliver materials to sites; pick-up usually in plastic bags, but varies by hauler	Citizens & haulers deliver materials to sites; pick-up usually in plastic bags, but varies by hauler	All year	All year
Vienna	Yes	Not Surveyed.	Not Surveyed.	BR, GR, LE	Not Surveyed.	GR and small BR picked up curbside. LE collection curbside Oct. - Dec. Large BR on request.	Not Surveyed.	GR and small BR All year. LE - Oct. - Dec. Large BR on request.

Refuse and Recycling Services 2003 - 2005

JURISDICTION	TIPPING FEE PAID TO FACILITY - 2003	TIPPING FEE PAID TO THE FACILITY - 2004	TIPING FEE PAID TO THE FACILITY - 2005	RECYCLING SERVICES OFFERED - 2003	RECYCLING SERVICES OFFERED - 2004	RECYCLING SERVICES OFFERED - 2005
City of Alexandria	\$62.41/ton	\$62.41/ton	\$61.45/ton	Residential curbside coll. and 4 drop-off centers	Residential curbside coll. and 4 drop-off centers	Residential curbside coll. and 4 drop-off centers
Arlington County	\$62.41/ton	\$62.41/ton	\$61.45/ton	Residential curbside coll. 2 drop-off centers for MF and commercial	Residential curbside coll. 2 drop-off centers for MF and commercial	Weekly curbside recycling for residential (SF & duplex) and 2 drop-off centers.
District of Columbia	\$46.43/ton (\$34/ton for tipping fee; \$12.43 for transfer from DC to I-95 WTE)	\$46.43/ton (\$34/ton for tipping fee; \$12.43 for transfer from DC to I-95 WTE)		Weekly point of collection service	Weekly point of collection service	
City of Fairfax	\$37.95/ton	\$37.95/ton	\$37.95/ton	Residential curbside coll.; drop-off center for residential and commercial	Residential curbside coll.; drop-off center for residential and commercial	Residential curbside coll.; drop-off center for residential and commercial
Fairfax County	\$39.95/ton for RE & bulk \$27/ton for BR	\$39.95/ton for RE & bulk \$27/ton for BR	\$42.45/ton for RE & bulk \$27/ton for BR	Public curbside, and Recycling Drop-Off Centers	Public curbside, and Recycling Drop-Off Centers	Public curbside, and Recycling Drop-Off Centers
Falls Church	\$39.95/ton	\$39.95/ton	\$42.45/ton	Residential curbside and drop-off center	Residential curbside and drop-off center	Residential curbside and drop-off center
Herndon	Not Surveyed.	Not Surveyed.	\$42.45/ton	Not Surveyed.	Not Surveyed.	Residential curbside for NEWS, PL, GL, CAN
Leesburg	Not Surveyed.	Not Surveyed.	\$55/ton	Not Surveyed.	Not Surveyed.	Residential and some commercial curbside coll. CAN, MET, GL, PL, CRD, MIX, NEWS and 2 drop-off centers
Loudoun County	\$55/ton for municipal solid waste	\$55/ton for municipal solid waste	\$55/ton for municipal solid waste	Curbside MIX, CAN, GL, PL CRD, YA. County offers 8 dropoff centers for CAN, CRD, GL, MIX, PL; Landfill dropoff center also accepts HOLT, UOA, and ME	Curbside MIX, CAN, GL, PL CRD, YA. County offers 8 dropoff centers for CAN, CRD, GL, MIX, PL; Landfill dropoff center also accepts HOLT, UOA, and ME	Curbside MIX, CAN, GL, PL CRD, YA. County offers 8 dropoff centers for CAN, CRD, GL, MIX, PL; Landfill dropoff center also accepts HOLT, UOA, and ME
City of Manassas	\$46/ton	\$46/ton	\$46/ton	Residential curbside. Drop off for residents and businesses.	Residential curbside. Drop-off for residents and businesses.	Residential curbside. Drop-off for residents and businesses.
Montgomery County	\$44/ton charged by the County at transfer station	\$48/ton charged by the County at transfer station	\$52/ton charged by the County at transfer station	Curbside for all non-municipal SF for MIX, containers, YA, and LE; also HHW drop-off for res. and non-res.; drop-off for EL	Curbside for all non-municipal SF for MIX, containers, YA, and LE; also HHW drop-off for res. and non-res.; drop-off for EL	Curbside for all non-municipal SF for MIX, containers, YA, and LE; also HHW drop-off for res. and non-res.; drop-off for EL
Prince George’s County	\$49/ton	\$49/ton	\$49/ton	Curbside coll. for SF and TH; apartments handle own 2 drop-off sites	Curbside coll. for SF and TH; apartments handle own 2 drop-off sites	Curbside coll. for SF and TH; apartments handle own 2 drop-off sites
Prince William County	\$0 for County residents \$45/ton for towns and cities within County	\$0 for County residents \$45/ton for towns and cities within County	\$0 for County residents \$45/ton for towns and cities within County	Curbside, drop-off, and processing; year around weekly HHW, computer, and electronics collections included in SW user fee	Curbside, drop-off, and processing; year around weekly HHW, computer, and electronics collections included in SW user fee	Curbside, drop-off, and processing; year around weekly HHW, computer, and electronics collections included in SW user fee
Vienna	Not Surveyed.	Not Surveyed.	\$42.45/ton	Not Surveyed.	Not Surveyed.	Residential Curbside MIX, CRD, YA. Drop off at Fairfax County Centers

Rate Structure 2003 - 2005

JURISDICTION	ANNUAL SOLID WASTE RATE CHARGED - 2003	ANNUAL SOLID WASTE RATE CHARGED - 2004	ANNUAL SOLID WASTE RATE CHARGED - 2005	PERCENT CHANGE 2004 - 2005
City of Alexandria	\$190 per year	\$190 per year	\$190 per year	0%
Arlington County	\$227.92 per year	\$232.60 per year	\$245.64 per year	5.6%
District of Columbia	Included in taxes	Included in taxes	Included in taxes	0%
City of Fairfax	\$335.48 per year	\$335.48 per year	\$335.48 per year	0%
Fairfax County	\$210 per year (in service districts, otherwise private hauler rates apply)	\$210 per year (in service districts, otherwise private hauler rates apply)	\$240 per year (in service districts, otherwise private hauler rates apply)	14.3%
Falls Church	Included in taxes	Included in taxes	Included in taxes	No change
Herndon	Included in taxes	Included in taxes	Included in taxes	No change
Leesburg	Included in taxes	Included in taxes	Included in taxes	No change
Loudoun County	N/A-private waste companies provide services	N/A-private waste companies provide services	N/A-private waste companies provide services	No change
City of Manassas	\$153.24 Single Family \$161.52 Townhouses	\$167.16 Single Family \$175.68 Townhouses	\$239.76 Single Family \$248.28 Townhouses	SF - 43% MF - 41%
Montgomery County	SF Base \$65.21 SF Disposal \$40.34 SF Incremental \$64.92 MF Base \$25.19 MF Incremental \$16.10	SF Base \$50.92 SF Disposal \$45.47 SF Incremental \$80.31 MF Base \$27.60 MF Incremental \$9.05	SF Base \$39.69 SF Disposal \$52.67 SF Incremental \$96.92; MF Base \$8.46 MF Incremental \$12.10	SF Base - -22% SF Disposal - 15.8% SF Incremental - 20.6% MF Base - -69.3% MF Incremental - 33.7%
Prince George's County	SF/TH Refuse Coll. \$201.44 SF/TH Recycling \$50 SF Bulky Trash \$18 <u>SF/TH total if all services provided = \$299.44</u>	SF/TH Refuse Coll. \$201.44 SF/TH Recycling \$50 SF Bulky Trash \$18 <u>SF/TH total if all services provided = \$299.44</u>	SF/TH Refuse Coll. \$201.44 SF/TH Recycling \$50 SF Bulky Trash \$18 <u>SF/TH total if all services provided = \$299.44</u>	0%
Prince William County	Fees for landfill support: SF-\$70 TH-\$63 MF-\$47; Add'l coll. fees charged by private haulers	Fees for landfill support: SF-\$70 TH-\$63 MF-\$47; Add'l coll. fees charged by private haulers	Fees for landfill support: SF-\$70 TH-\$63 MF-\$47; Add'l coll. fees charged by private haulers	No change
Vienna	General Fund	General Fund	General Fund	No change